



TECHNICAL DATA

Edition of: 2025-01-01

Trade name	Heat stable yellow oxide			
Type	980T			
REACH	Registration No. 01-2119457570-39-0005			
Chemical class	Synthetic Zinc Ferrite (ZnFe ₂ O ₄)			
Delivery form	Powder			
Colour index	Pigment yellow 119 (77496)			
CAS No./EC No.	68187-51-9 / 269-103-8			
Specifications	Contents (Fe ₂ O ₃)	%	≥65	ISO1248
	Oil absorption	g/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble matter	%	≤1.0	ISO787-3
	Moisture (after production)	%	≤1.0	ISO787-2
	pH value		5~8	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	≤2.0	DIN55913
	Bulk density	g/cm ³	0.7~1.1	ISO787-11
	Specific gravity	g/cm ³	~5.2	ISO787-10
	Predominant particle size	µm	---	SEM
	Dispersibility (Hegman)	µm	---	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤1.0	ISO787-1
Sales packing	In 25kg paper bag/600kg bulk bag then palletized			
Transport & Storage	Protect against weathering, store in a dry place.			
Safety	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			